re-run   #13

RAW SEQUENCE LISTING

The Biotechnology Systems Branch of the Scientific and Technical
Information Center (STIC) no errors detected.

Application Serial Number: 09/554,533A

Source: *PCt*

Date Processed by STIC: 5/11/05

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PCT

RAW SEQUENCE LISTING   DATE: 05/11/2005
PATENT APPLICATION: US/09/554,533A   TIME: 18:13:58

                Input Set : N:\AMC\US09554533A.raw
                Output Set: N:\CRF4\05112005\I554533A.raw

     1 <110> APPLICANT: BEELEY, NIGEL R. A.
     2   PRICKETT, KATHRYN S.
     3 <120> TITLE OF INVENTION: NOVEL EXENDIN AGONIST COMPOUNDS
     4 <130> FILE REFERENCE: 18528.016 (238/086 US)
C--> 5 <140> CURRENT APPLICATION NUMBER: US/09/554,533A
     6 <141> CURRENT FILING DATE: 2000-05-11
     7 <150> PRIOR APPLICATION NUMBER: PCT/US98/24210
     8 <151> PRIOR FILING DATE: 1998-11-13
     9 <150> PRIOR APPLICATION NUMBER: 60/065,442
    10 <151> PRIOR FILING DATE: 1997-11-14
    11 <160> NUMBER OF SEQ ID NOS: 87
    12 <170> SOFTWARE: PatentIn version 3.2
    14 <210> SEQ ID NO: 1
    15 <211> LENGTH: 39
    16 <212> TYPE: PRT
    17 <213> ORGANISM: Heloderma horridum
    18 <220> FEATURE:
    19 <223> OTHER INFORMATION: C-term amidated
    20 <400> SEQUENCE: 1
    21   His Ser Asp Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
    22   1   5   10   15
    23   Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
    24   20   25   30
    25   Ser Gly Ala Pro Pro Pro Ser
    26   35
    28 <210> SEQ ID NO: 2
    29 <211> LENGTH: 39
    30 <212> TYPE: PRT
    31 <213> ORGANISM: Helodermasuspectum
    32 <220> FEATURE:
    33 <223> OTHER INFORMATION: C-term amidated
    34 <400> SEQUENCE: 2
    35   His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
    36   1   5   10   15
    37   Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly Pro Ser
    38   20   25   30
    39   Ser Gly Ala Pro Pro Pro Ser
    40   35
    42 <210> SEQ ID NO: 3
    43 <211> LENGTH: 30
    44 <212> TYPE: PRT
    45 <213> ORGANISM: Homo sapien
    46 <220> FEATURE:

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Output Set: N:\CRF4\05112005\I554533A.raw

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47 <223> OTHER INFORMATION: C-term amidated
48 <400> SEQUENCE: 3
49      His Ala Glu Gly Thr Phe Thr Ser Asp Val Ser Ser Tyr Leu Glu Gly
50       1           5                   10                  15
51      Gln Ala Ala Lys Glu Phe Ile Ala Trp Leu Val Lys Gly Arg
52                  20                  25                  30
54 <210> SEQ ID NO: 4
55 <211> LENGTH: 38
56 <212> TYPE: PRT
57 <213> ORGANISM: Artificial Sequence
58 <220> FEATURE:
59 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
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61 <221> NAME/KEY: MOD_RES
62 <222> LOCATION: (1)
63 <223> OTHER INFORMATION: His, Arg or Tyr
64 <220> FEATURE:
65 <221> NAME/KEY: MOD_RES
66 <222> LOCATION: (2)
67 <223> OTHER INFORMATION: Ser, Gly, Ala or Thr
68 <220> FEATURE:
69 <221> NAME/KEY: MOD_RES
70 <222> LOCATION: (3)
71 <223> OTHER INFORMATION: Ala, Asp, or Glu
72 <220> FEATURE:
73 <221> NAME/KEY: MOD_RES
74 <222> LOCATION: (5)
75 <223> OTHER INFORMATION: Ala or Thr
76 <220> FEATURE:
77 <221> NAME/KEY: MOD_RES
78 <222> LOCATION: (6)
79 <223> OTHER INFORMATION: Ala, Phe, Tyr or naphthylalanine
80 <220> FEATURE:
81 <221> NAME/KEY: MOD_RES
82 <222> LOCATION: (7)
83 <223> OTHER INFORMATION: Thr or Ser
84 <220> FEATURE:
85 <221> NAME/KEY: MOD_RES
86 <222> LOCATION: (8)
87 <223> OTHER INFORMATION: Ala, Ser or Thr
88 <220> FEATURE:
89 <221> NAME/KEY: MOD_RES
90 <222> LOCATION: (9)
91 <223> OTHER INFORMATION: Asp or Glu
92 <220> FEATURE:
93 <221> NAME/KEY: MOD_RES
94 <222> LOCATION: (10)
95 <223> OTHER INFORMATION: Ala, Leu, Ile, Val, pentylglycine, or Met
96 <220> FEATURE:
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97  <221> NAME/KEY: MOD_RES
98  <222> LOCATION: (11)
99  <223> OTHER INFORMATION: Ala or Ser
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101 <221> NAME/KEY: MOD_RES
102 <222> LOCATION: (12)
103 <223> OTHER INFORMATION: Ala or Lys
104 <220> FEATURE:
105 <221> NAME/KEY: MOD_RES
106 <222> LOCATION: (13)
107 <223> OTHER INFORMATION: Ala or Gln
108 <220> FEATURE:
109 <221> NAME/KEY: MOD_RES
110 <222> LOCATION: (14)
111 <223> OTHER INFORMATION: Ala, Leu, Ile pentylglycine, Val, or Met
112 <220> FEATURE:
113 <221> NAME/KEY: MOD_RES
114 <222> LOCATION: (15)
115 <223> OTHER INFORMATION: Ala or Glu
116 <220> FEATURE:
117 <221> NAME/KEY: MOD_RES
118 <222> LOCATION: (16)
119 <223> OTHER INFORMATION: Ala or Glu
120 <220> FEATURE:
121 <221> NAME/KEY: MOD_RES
122 <222> LOCATION: (17)
123 <223> OTHER INFORMATION: Ala or Glu
124 <220> FEATURE:
125 <221> NAME/KEY: MOD_RES
126 <222> LOCATION: (19)
127 <223> OTHER INFORMATION: Ala or Val
128 <220> FEATURE:
129 <221> NAME/KEY: MOD_RES
130 <222> LOCATION: (20)
131 <223> OTHER INFORMATION: Ala or Arg
132 <220> FEATURE:
133 <221> NAME/KEY: MOD_RES
134 <222> LOCATION: (21)
135 <223> OTHER INFORMATION: Ala or Leu
136 <220> FEATURE:
137 <221> NAME/KEY: MOD_RES
138 <222> LOCATION: (22)
139 <223> OTHER INFORMATION: Phe, Tyr, or naphthylalanine
140 <220> FEATURE:
141 <221> NAME/KEY: MOD_RES
142 <222> LOCATION: (23)
143 <223> OTHER INFORMATION: Ile, Val, Leu, pentylglycine, tert-butylglycine,
144       or Met
145 <220> FEATURE:
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Input Set : N:\AMC\US09554533A.raw
Output Set: N:\CRF4\05112005\I554533A.raw

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146 <221> NAME/KEY: MOD_RES
147 <222> LOCATION: (24)
148 <223> OTHER INFORMATION: Ala, Glu, or Asp
149 <220> FEATURE:
150 <221> NAME/KEY: MOD_RES
151 <222> LOCATION: (25)
152 <223> OTHER INFORMATION: Ala, Trp, Phe, Tyr, or naphthylalanine
153 <220> FEATURE:
154 <221> NAME/KEY: MOD_RES
155 <222> LOCATION: (26)
156 <223> OTHER INFORMATION: Ala or Leu
157 <220> FEATURE:
158 <221> NAME/KEY: MOD_RES
159 <222> LOCATION: (27)
160 <223> OTHER INFORMATION: Ala or Lys
161 <220> FEATURE:
162 <221> NAME/KEY: MOD_RES
163 <222> LOCATION: (28)
164 <223> OTHER INFORMATION: Ala or Asn
165 <220> FEATURE:
166 <221> NAME/KEY: MOD_RES
167 <222> LOCATION: (29)
168 <223> OTHER INFORMATION: Gly or not present
169 <220> FEATURE:
170 <221> NAME/KEY: MOD_RES
171 <222> LOCATION: (30)
172 <223> OTHER INFORMATION: Gly or not present
173 <220> FEATURE:
174 <221> NAME/KEY: MOD_RES
175 <222> LOCATION: (31)
176 <223> OTHER INFORMATION: Pro, homoproline, 3Hyp, 4Hyp, thioproline,
177        N-alkylglycine, N-alkylpentylglycine,
178        N-alkylalanine, or not present
179 <220> FEATURE:
180 <221> NAME/KEY: MOD_RES
181 <222> LOCATION: (32)
182 <223> OTHER INFORMATION: Ser or not present
183 <220> FEATURE:
184 <221> NAME/KEY: MOD_RES
185 <222> LOCATION: (33)
186 <223> OTHER INFORMATION: Ser or not present
187 <220> FEATURE:
188 <221> NAME/KEY: MOD_RES
189 <222> LOCATION: (34)
190 <223> OTHER INFORMATION: Gly or not present
191 <220> FEATURE:
192 <221> NAME/KEY: MOD_RES
193 <222> LOCATION: (35)
194 <223> OTHER INFORMATION: Ala or not present
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                        RAW SEQUENCE LISTING                DATE: 05/11/2005
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                        Input Set : N:\AMC\US09554533A.raw
                        Output Set: N:\CRF4\05112005\I554533A.raw
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195 <220> FEATURE:
196 <221> NAME/KEY: MOD_RES
197 <222> LOCATION: (36)
198 <223> OTHER INFORMATION: Pro, homoproline, 3Hyp, 4Hyp, thioproline,
199        N-alkylglycine, N-alkylpentylglycine,
200        N-alkylalanine, or not present
201 <220> FEATURE:
202 <221> NAME/KEY: MOD_RES
203 <222> LOCATION: (37)
204 <223> OTHER INFORMATION: Pro, homoproline, 3Hyp, 4Hyp, thioproline,
205        N-alkylglycine, N-alkylpentylglycine,
206        N-alkylalanine, or not present
207 <220> FEATURE:
208 <221> NAME/KEY: MOD_RES
209 <222> LOCATION: (38)
210 <223> OTHER INFORMATION: Pro, homoproline, 3Hyp, 4Hyp, thioproline,
211        N-alkylglycine, N-alkylpentylglycine,
212        N-alkylalanine, or not present
213 <220> FEATURE:
214 <223> OTHER INFORMATION: May be c-term amidated
215 <400> SEQUENCE: 4
W--> 216     Xaa Xaa Xaa Gly Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
217          1           5                   10                  15
218          Xaa Ala Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa Xaa
219                      20                  25                  30
220          Xaa Xaa Xaa Xaa Xaa Xaa
221                      35
223 <210> SEQ ID NO: 5
224 <211> LENGTH: 30
225 <212> TYPE: PRT
226 <213> ORGANISM: Artificial Sequence
227 <220> FEATURE:
228 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
229 <220> FEATURE:
230 <223> OTHER INFORMATION: May be c-term amidated
231 <400> SEQUENCE: 5
232          His Gly Glu Gly Thr Phe Thr Ser Asp Leu Ser Lys Gln Met Glu Glu
233          1           5                   10                  15
234          Glu Ala Val Arg Leu Phe Ile Glu Trp Leu Lys Asn Gly Gly
235                      20                  25                  30
237 <210> SEQ ID NO: 6
238 <211> LENGTH: 28
239 <212> TYPE: PRT
240 <213> ORGANISM: Artificial Sequence
241 <220> FEATURE:
242 <223> OTHER INFORMATION: Description of Artificial Sequence: Synthetic peptide
243 <220> FEATURE:
244 <223> OTHER INFORMATION: May be c-term amidated
245 <400> SEQUENCE: 6
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RAW SEQUENCE LISTING ERROR SUMMARY   DATE: 05/11/2005
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Input Set : N:\AMC\US09554533A.raw
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Please Note:
Use of n and/or Xaa have been detected in the Sequence Listing. Please review the
Sequence Listing to ensure that a corresponding explanation is presented in the <220>
to <223> fields of each sequence which presents at least one n or Xaa.

Seq#:4; Xaa Pos. 1,2,3,5,6,7,8,9,10,11,12,13,14,15,16,17,19,20,21,22,23,24
Seq#:4; Xaa Pos. 25,26,27,28,29,30,31,32,33,34,35,36,37,38
Seq#:47; Xaa Pos. 31,36,37,38
Seq#:48; Xaa Pos. -36,37,38
Seq#:49; Xaa Pos. 31
Seq#:50; Xaa Pos. 31,36,37
Seq#:51; Xaa Pos. 31,36,37
Seq#:52; Xaa Pos. 31,36
Seq#:55; Xaa Pos. 6
Seq#:59; Xaa Pos. 10
Seq#:60; Xaa Pos. 22
Seq#:61; Xaa Pos. 23
Seq#:65; Xaa Pos. 31,36,37
Seq#:66; Xaa Pos. 1,2,3,5,6,7,8,9,10,11,12,13,14,15,16,17,19,20,21,22,23,24
Seq#:66; Xaa Pos. 25,26,27,28,29,30,31,32,33,34,35,36,37,38,39,40
Seq#:67; Xaa Pos. 1,26
Seq#:68; Xaa Pos. 1,26
Seq#:69; Xaa Pos. 1,26
Seq#:70; Xaa Pos. 1,26
Seq#:71; Xaa Pos. 1,27
Seq#:72; Xaa Pos. 1,27
Seq#:73; Xaa Pos. 1,27
Seq#:74; Xaa Pos. 1,27
Seq#:75; Xaa Pos. 3
Seq#:76; Xaa Pos. 3
Seq#:77; Xaa Pos. 3
Seq#:78; Xaa Pos. 3,8
Seq#:79; Xaa Pos. 3,8,9
Seq#:80; Xaa Pos. 3,8,9,10
Seq#:81; Xaa Pos. 3
Seq#:82; Xaa Pos. 3
Seq#:83; Xaa Pos. 3
Seq#:84; Xaa Pos. 3,8
Seq#:85; Xaa Pos. 3,8,9
Seq#:86; Xaa Pos. 3,8,9,10
Seq#:87; Xaa Pos. 1,2,3,5,6,7,8,9,10,11,12,13,14,15,16,17,19,20,21,22,23,24
Seq#:87; Xaa Pos. 25,26,27,28,29,30,31,32,33,34,35,36,37,38

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Input Set : N:\AMC\US09554533A.raw
Output Set: N:\CRF4\05112005\I554533A.raw

```
L:5 M:270 C: Current Application Number differs, Wrong Format
L:216 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:4 after pos.:0
M:341 Repeated in SeqNo=4
L:850 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:47 after pos.:16
M:341 Repeated in SeqNo=47
L:872 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:48 after pos.:32
L:890 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:49 after pos.:16
L:914 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:50 after pos.:16
M:341 Repeated in SeqNo=50
L:938 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:51 after pos.:16
M:341 Repeated in SeqNo=51
L:962 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:52 after pos.:16
M:341 Repeated in SeqNo=52
L:1010 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:55 after pos.:0
L:1070 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:59 after pos.:0
L:1090 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:60 after pos.:16
L:1108 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:61 after pos.:16
L:1173 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:65 after pos.:16
M:341 Repeated in SeqNo=65
L:1348 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:66 after pos.:0
M:341 Repeated in SeqNo=66
L:1372 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:67 after pos.:0
M:341 Repeated in SeqNo=67
L:1394 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:68 after pos.:0
M:341 Repeated in SeqNo=68
L:1416 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:69 after pos.:0
M:341 Repeated in SeqNo=69
L:1438 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:70 after pos.:0
M:341 Repeated in SeqNo=70
L:1460 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:71 after pos.:0
M:341 Repeated in SeqNo=71
L:1482 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:72 after pos.:0
M:341 Repeated in SeqNo=72
L:1504 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:73 after pos.:0
M:341 Repeated in SeqNo=73
L:1526 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:74 after pos.:0
M:341 Repeated in SeqNo=74
L:1544 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:75 after pos.:0
L:1563 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:76 after pos.:0
L:1582 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:77 after pos.:0
L:1607 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:78 after pos.:0
L:1638 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:79 after pos.:0
L:1674 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:80 after pos.:0
L:1689 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:81 after pos.:0
L:1707 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:82 after pos.:0
L:1725 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:83 after pos.:0
L:1748 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:84 after pos.:0
L:1776 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:85 after pos.:0
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Input Set : N:\AMC\US09554533A.raw
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L:1808 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:86 after pos.:0
L:1969 M:341 W: (46) "n" or "Xaa" used, for SEQ ID#:87 after pos.:0
M:341 Repeated in SeqNo=87